

Plumbing Advisory Board Worksession Minutes for February 18, 2010

Board Members Present: Russell (Rusty) Strine, Plumber Representative, Chairman
David Gatrell, Health Department Representative
David Haller, Citizen Representative
Gary Armbruster, Citizen Representative

Absent: Michael (Mick) Late, Plumber Representative

Others Present: Larry Willard, Chief Plumbing Inspector
Bryon Mitchell, Manager - Plan Review Services & Office of Life Safety
Shannon Walters, Secretary

Subject: Worksession

The Frederick County Plumbing Advisory Board meeting began at 2:05 p.m. Attendance was spoken for the record.

Approval of Minutes

Gary Armbruster motioned to approve the minutes from the January 21, 2010 as presented. Dave Gatrell seconded the motion. The vote was 4-0 to approve the minutes.

Old Business

The board members were presented via an e-mail the updated proposed plumbing code amendments from the previous meeting. Larry Willard, Bryon Mitchell and board members discussed these amendments further. After a few further changes, Gary Armbruster motioned to approve a final plumbing ordinance amendment package for the adoption of the 2009 International Plumbing Code. Bryon Mitchell will prepare the final proposed document for legal review prior to submittal to the County Commissioners for final adoption. Dave Gatrell seconded the motion. The vote was 4-0 to approve the motion.

Adjournment

Gary Armbruster motioned to adjourn the meeting at 3:10 p.m. David Haller seconded the motion. The vote was 4-0 to adjourn.

Respectfully Submitted,

Shannon Walters

Shannon Walters, Secretary to Fred. Cnty. Plumbing Advisory Bd.

Attachment

Walters, Shannon

From: Willard, Larry
Sent: Friday, February 19, 2010 3:01 PM
To: Mitchell, Bryon
Cc: Walters, Shannon
Subject: FW: Plumbing code amendments

Bryon

I think these two are the changes finalized at yesterdays Plumbing Board meeting.

Larry

604.8 before exception add: an ASSE 1024 dual check valve shall be installed after the pressure reducing valve on the system side in 1 and 2 family dwellings

608.16.4 add sentence to existing code : Exception: Residential 13D systems installed in 1 and 2 family dwellings shall be protected by an ASSE 1024 (Frederick County already deletes exceptions enisting in code

ARTICLE IV: PLUMBING CODE

Section

Division 1. Generally

- 1-14-56 Adoption
- 1-14-57 Amendments
- 1-14-58 Well system installation; saddle valves
- 1-14-59 Condemned equipment
- 1-14-60 Article declared additional
- 1-14-61 Penalties
- 1-14-62 Civil plumbing infractions

Division 2. Inspections

- 1-14-76 Required
- 1-14-77 First inspection
- 1-14-78 Final inspection
- 1-14-79 Additional inspections

DIVISION 1. GENERALLY

§ 1-14-56. ADOPTION.

There is hereby adopted by the Board of County Commissioners those certain plumbing regulations known as the ~~2006~~ 2009 Edition of the International Plumbing Code, and the whole thereof; and the same is hereby adopted, ratified and incorporated as fully as if set out at length herein subject to the local amendments described below in § 1-14-57.

(1959 Code, § 42-1) (Ord. 81-40-230, 11-17-1981; Ord. 85-35-367, 9-3-1985; Ord. 91-30-030, 11-12-1991; Ord. 99-11-238, 7-29-1999; Ord. 02-08-304, 4-4-2002; Ord. 05-33-394, 11-29-2005; Ord. 08-16-492, 6-17-2008)

Statutory reference:

Power of Board of County Commissioners to adopt Plumbing Code, see Md. Ann. Code, Art. 25, § 3(s)(1), Art. 43, § 325C

§ 1-14-57. AMENDMENTS.

The International Plumbing Code is hereby amended and changed as described and shown below.

Section 103 is hereby deleted in its entirety.

Section 104 is hereby deleted in its entirety.

Section 106 is hereby deleted in its entirety.

Section 108 is hereby deleted in its entirety.

Section 109 is hereby deleted in its entirety.

Section 202 is hereby amended as follows:

Administrative Authority: Is the director of the department of permits and inspections DIVISION OF PERMITS AND DEVELOPMENT REVIEW, or his designated representative.

Building Drain: That part of the lowest piping of a drainage system that receives the discharge from soil, waste and other drainage pipes inside and that extends five (5) feet (1524 mm) beyond the walls of the building and conveys the drainage to the building sewer.

Subsection 305.6 is hereby amended as follows:

305.6 Freezing. A water, soil or waste pipe shall not be installed outside of a building, in attics or crawl spaces; concealed in outside walls, or in any other place subjected to freezing temperature unless adequate provision is made to protect them from freezing by insulation or heat or both. Water service pipe shall be installed not less than thirty-six (36) inches (915 mm) deep or less than six (6) inches (152 mm) below the frost line.

Subsection 305.6.1, Sewer depth is hereby deleted in its entirety.

Subsection 306.3 is hereby amended to add the following text:

ABS and PVC shall be bedded in maximum three-quarter-inch stone to a depth of six (6) inches under the pipe and covered to a depth of twenty-four (24) inches above the pipe.

Subsection ~~312.9.1~~ 312.10.1 is hereby deleted in its entirety.

Subsection ~~312.9.2~~ 312.10.2 is hereby amended by adding the following text.

(a) Copies of test reports for the initial installation shall be sent to the administrative authority and the water supplier. Copies of annual test reports shall be sent to the water supplier.

(b) Testing, INSPECTION and repair of devices shall be performed by certified individuals approved by an agency acceptable to the administrative authority. Certification for testing shall be in accordance with a nationally recognized accredited training program. Certification shall include not less than 32 hours of combined classroom and practice training and successful completion of a written and practical examination.

(c) Double check valves and reduced pressure principal valves: Such devices WHEN INSTALLED IN THE HORIZONTAL shall be installed at not less than 12 inches above the floor with the maximum of ~~60~~ 48 inches above floor. WHEN INSTALLED IN THE VERTICAL SUCH DEVICES SHALL BE INSTALLED AS CLOSE TO THE FLOOR AS PRACTICAL. All test reports shall be made on Frederick County forms and the device shall be tagged with a Frederick County pink card.

(d) Where a continuous water supply is critical and cannot be interrupted for the periodic testing of a backflow prevention device, multiple backflow prevention devices or other means of maintaining a continuous supply shall be provided.

Subsection 403.1.1 is hereby amended by adding the following text.

(a) In new construction for assembly and mercantile occupancies, an accessible unisex toilet may be provided where an aggregate of six or more male or female water closets are required. In buildings of mixed occupancy, those water closets required for the assembly or mercantile portion of the occupancy would be used to determine the ability to make use of the unisex toilet room option. The inclusion of the one accessible unisex toilet room shall be allowed to replace both one male and one female toilet.

(b) Unisex toilet rooms shall comply with this section and the requirements for accessible toilet rooms as per standards prescribed in THE INTERNATIONAL BUILDING CODE EXCEPT WHERE A MORE STRINGENT REQUIREMENT IS FOUND IN COMAR 05.02.02 Maryland Accessibility Code.

(c) Unisex toilet rooms shall include only one water closet and only one lavatory.

(d) Unisex toilet rooms shall be located on an accessible route. Unisex toilet rooms shall be located not more than one story above or below separate-sex toilet rooms. The accessible route from any separate-sex toilet rooms to a unisex toilet room shall not exceed 500 feet/152.4m.

(e) Unisex toilet rooms shall be designated by accessible signs. Directional signage shall be provided at all separate-sex toilet rooms indicating the location of the nearest unisex toilet room.

Section 404 is hereby deleted in its entirety.

New section 404 to read as follows:

Section 404 Accessible Plumbing Facilities: Plumbing fixtures and installation shall conform to the requirements of the INTERNATIONAL BUILDING CODE EXCEPT WHERE A MORE STRINGENT REQUIREMENT IS FOUND IN THE Code of Maryland Regulations 05.02.02 Maryland Accessibility Code.

Section 410.1 is hereby amended as follows:

410 Approval. Drinking fountains shall conform to ASME A112.19.1, ASME A112.19.2, or ASME A112.19.9M, and water coolers shall conform to ARI 1010. Drinking fountains and water coolers shall conform to NSF 61, Section 9. Where water is served in restaurants drinking fountains shall not be required. IN OTHER OCCUPANCIES, WHERE DRINKING FOUNTAINS ARE REQUIRED, WATER COOLERS OR BOTTLED WATER DISPENSERS SHALL NOT BE PERMITTED TO BE SUBSTITUTED FOR THE REQUIRED DRINKING FOUNTAINS.

Subsection 412.4 is hereby amended to add the following text:

Floor drains shall be located in toilet rooms containing two (2) or more water closets or a combination of one water closet and one urinal, except in dwelling units. Floor drains shall be required in commercial kitchens.

Subsection 415 is hereby amended to add the following new subparagraphs:

415.3 Prohibited locations. Laundry trays and mop sinks shall not be located in, nor accessed through, public restrooms.

415.4 Wall area. The wall area around mop sink basins shall be constructed of smooth waterproof materials to a minimum height of 36", but no less than the height of the faucet. Waterproofing materials of epoxy or paint coatings are prohibited.

Subsection 417.1 is hereby amended to add the following text:

Fiberglass or plastic tub and shower enclosures cannot be installed with faucets back to back unless approved by administrative authority.

Subsection 417.4.1 is hereby amended to add the following text:

No windows shall be in the 70-inch wall area. Waterproofing materials of epoxy or paint coatings are prohibited.

Subsection 419.3 is hereby amended to add the following text:

Waterproofing materials of epoxy or paint coatings are prohibited.

Section 501.2 is hereby deleted in its entirety.

New subsection 501.2 to read as follows:

501.2 Water heater as space heater.

(a) The installation of any system or equipment utilizing water heaters to provide heat must be installed by a person who is licensed to perform the work in Maryland and who has obtained the necessary local permits for such installations.

(b) This section is applicable to:

1. A combination heating system, which is installed as a unit and incorporates a water heater as an integral part of the system, to provide the primary heat source to the dwelling;

2. Pieces of equipment sold as an add-on to an existing heating system for the purpose of providing supplemental heat, and is attached to a water heater containing water, which may later be expected to be used as potable water.

(c) All installations shall comply with the following:

1. Combination water/space heating equipment, materials and components shall be suitable for use with potable water and listed for such use;

2. Water heaters, piping and components connected for a space heating application shall be properly sized and installed according to manufacturer's instructions;

3. Water heaters used in combination water/space heating systems shall be listed as complying with American National Standards (ANSI) Z21.101, Z21.10.3 or UL732, as applicable;

4. A water temperature control valve shall be installed with every installation utilizing a combination water heating/space heating system application to limit domestic hot water temperature safe for ordinary domestic use by individuals;

5. The installer must disinfect and certify the water system whenever required by the administrative authority under Section 610 of International Plumbing Code;

6. The system shall be equipped with a means for periodic circulation between the water heater and the exchanger during off seasons;

7. An acceptable means shall be provided to prevent thermal circulation through the exchanger during off seasons, except circulation necessary to comply with subparagraph (6);

8. A copy of the documentation to support the requirements of these subparagraphs shall be available for an inspector's review during inspections and shall remain with the unit;

9. For all such devices used in Maryland, an informational sheet shall be provided that outlines all of the requirements of this subsection.

Subsection 603.2 is hereby deleted in its entirety. New subsection 603.2 to read as follows:

603.2 Separation of water service and building sewer. The water service pipe and building drain or building sewer shall not have less than one foot horizontal distance between the piping.

Table 604.4 is hereby amended to add the following text:

~~(Footnote) C. Metered faucets. Self closing, or self closing metering faucets shall be installed on lavatories intended to serve the transient public, such as those in, but not limited to, service stations, train stations, airports, restaurants and convention halls. Metering faucets shall deliver not more than 0.25 gallons of water per use, when tested in accordance with ANSI/ASME A112.18.1.~~

~~604.4.5 Shower heads. Shower heads shall be designed and manufactured so that they will not exceed a water supply flow rate of two and one half (2.5) gallons per minute when tested in accordance with ANSI/ASME A112.18.1 M. Exception: Emergency Safety Showers.~~

604.8 is hereby amended as follows:

604.8 Water pressure reducing valve or regulator. Where water pressure within a building exceeds sixty (60) psi static, an approved water pressure reducing valve conforming to ASSE 1003 with strainer shall be installed to reduce the pressure in the building water distribution piping to sixty (60) psi static or less. Exception to the requirement are service lines to sill cocks and outside hydrants, and main supply risers where pressure from the mains is reduced to sixty (60) psi or less at individual fixtures.

NEW SUBSECTION 604.8.1 TO READ AS FOLLOWS:

WHERE A WATER PRESSURE REDUCING VALVE OR REGULATOR IS INSTALLED, A CHECK VALVE SHALL BE INSTALLED ON THE SYSTEM SIDE OF THE DEVICE.

Subsection 605.4 is hereby amended to add the following text:

All copper tube used underground shall be Type K copper. When using insert fittings on plastic water service the size of the pipe shall be no less than one inch. The fittings used shall be made of brass or stainless steel and shall be used with stainless steel bands. Delete from Table 605.4 water service pipe type L, WL, M or WM copper tubing. A minimum diameter of a one inch pipe shall be used for connection from submersible pump to a storage tank as part of a well system installation.

Table 605.4-605.3 is hereby amended to delete the following text:

Type M or WM copper tube.

Subsection 606.1, Location of full-open valves, is hereby amended to add a new subparagraph:

9. After tee for sprinkler system on the domestic side.

Subsection 606.5.8 is hereby amended to add the following text:

Any pressure tank installed in a basement and/or crawl space shall be a minimum of seven and one-half (7½) inches above finished grade. All water pressure tanks and apparatus for mobile homes shall be installed in the confines of the living space. In every case, the only exception shall be those tanks installed a minimum of eighteen (18) inches from the top of the tank to finished grade in an approved manhole with water tight lid, a minimum of six (6) inches above finished grade.

Subsection 606.7 is hereby added as follows:

Subsection 606.7 Dead ends. In the installation or removal of any part of the water distribution system, dead ends shall be prohibited. Future water distribution piping shall be allowed when valves are provided within 2 feet (610 mm) of the branch tee and are tagged as to their purpose. Valves shall be kept in the closed position following testing.

Subsection 608.16.4, Connections to automatic fire sprinkler systems and standpipe systems, is hereby amended to delete exceptions (1.) and (2.).

Subsection 608.17 is hereby deleted in its entirety.

701.2 Sewer required is hereby deleted and replaced with the following:

Every building in which plumbing fixtures are installed and all premises having drainage piping shall be connected to a public sewer, where available, or an approved private sewage disposal system in accordance with Code of Maryland (COMAR) regulations.

Table 710.1(1) is hereby amended to read as follows:

Footnote a. The minimum size of any building sewer shall be four (4) inches to the inside of the building.

Subdivision 701.9 is hereby amended to add the following text:

Food or drink shall not be stored, prepared or displayed beneath overhead sewer or drain pipes unless such pipes are protected against leakage or condensation reaching the food or drink as described below for new construction. In newly constructed or remodeled establishments, soil

or drain pipes located over food preparation, storage, display or serving areas are undesirable. Where building design requires that soil or drain pipes be located over such areas, the installation shall be made with the least possible number of joints and shall be installed so as to connect to a vertical stack at the nearest wall or vertical building support and the construction shall be performed as follows:

- a. All openings through floors over such areas shall be provided with sleeves securely bonded to the floor construction and projecting not less than three-quarters inch above top of the finished floor with space between sleeve and pipe or duct sealed.
- b. Floor and shower drains installed above such areas shall be equipped with integral seepage pans.
- c. Plumbing fixtures in rooms located above such areas shall be of the wall mounted type except bathtubs. Tubs shall have waste and overflow connections made above floor and piped to the trap below the floor. Connections through floors and to traps shall conform with all other provisions of this regulation. No floor openings, other than sleeve for waste pipe, will be permitted for tubs.
- d. All other soil or drain pipes shall be of an approved material as listed in Table 702.1 and Section 702. All materials shall conform to established standards. Cleanouts shall be extended through the floor construction above.
- e. Soil and drain pipes located above such area shall be subjected to a standing water test of not less than twenty-five (25) feet.
- f. Piping subject to operation at temperatures that will form condensation on the exterior of the pipe shall be thermally insulated.
- g. Where pipes are installed in ceilings above such areas, the ceiling shall be of the removable type, or shall be provided with access panels in order to form a ready access for inspection of piping.
- h. In lieu of the above, any other method may be approved by the administrative authority.

Subsection 904.1 is hereby amended as follows:

904.1 Roof extension. All open vent pipes that extend through roof shall be terminated at least 6 inches above the roof, except that where a roof is to be used for any purpose other than weather protection, the vent extensions shall run at least 7 feet (2134 mm) above the roof. All stacks that terminate through roof shall have no offsets more than 45 degree angle.

~~*Section 917 is hereby deleted in its entirety.*~~

AMEND SECTION 917.1 TO READ AS FOLLOWS:

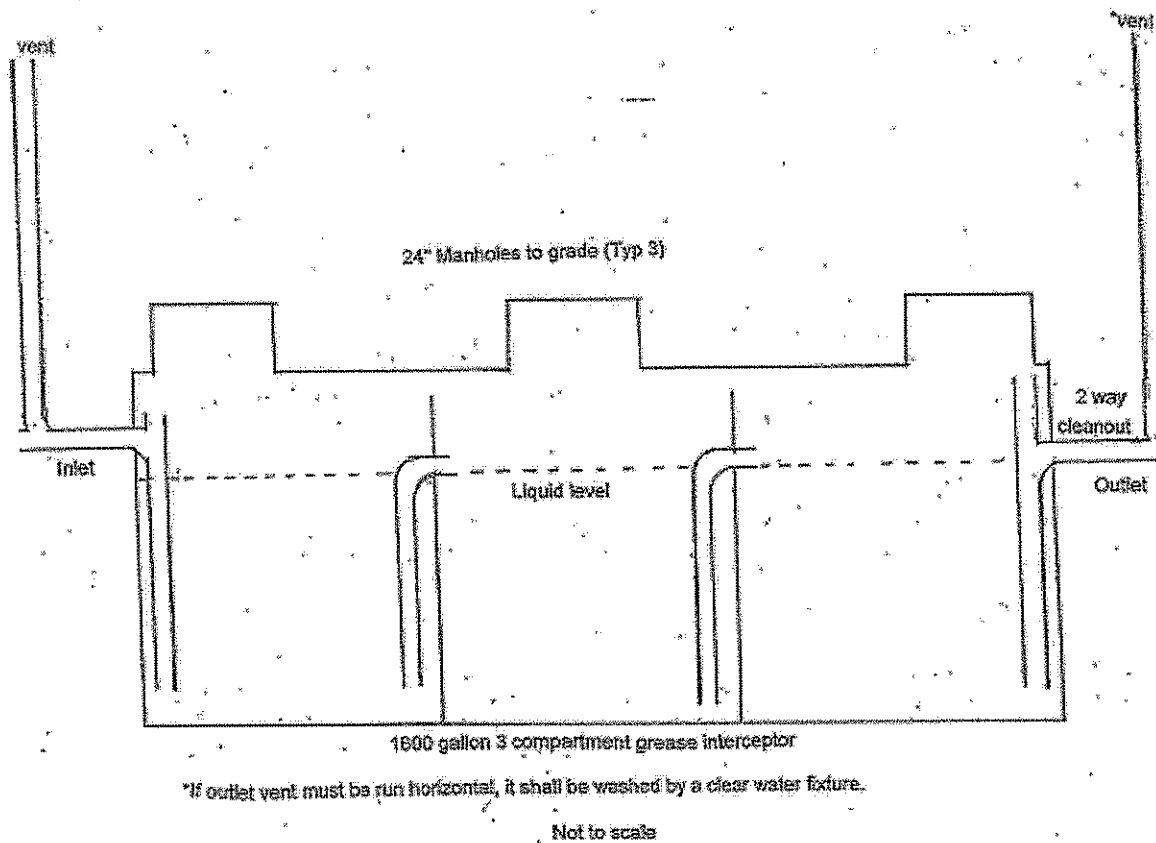
917.1 GENERAL AIR ADMITTANCE VALVES SHALL ONLY BE INSTALLED WITH THE APPROVAL OF THE ADMINISTRATIVE AUTHORITY. WHERE APPROVED, VENT SYSTEMS UTILIZING AIR ADMITTANCE VALVES SHALL COMPLY WITH THIS SECTION. STACK-TYPE AIR ADMITTANCE VALVES SHALL CONFORM TO ASSE 1050. INDIVIDUAL AND BRANCH-TYPE AIR ADMITTANCE VALVES SHALL CONFORM TO ASSE 1051.

Subsection 1003.2.1 is hereby amended to add the following text:

All grease interceptors shall be placed outside of building and be located as close as possible to the grease source. An underground 1,600-gallon, 3- compartment tank of approved material and design shall be used. Exception 1: Grease traps may be placed inside building by administrative authority. Exception 2: A tank less than 1,600 gallons may be used as allowed by administrative authority.

Diagram 1003.2.2 is hereby replaced with the following:

1003.2.2 Diagram (revised for 2006 Edition). Grease Interceptors.



Section 1003.3.4, Grease interceptors, is hereby amended to read as follows:

Grease interceptors shall conform to PDI G101, ASME A112.14.3 or ASME A112.14.4 and shall be installed in accordance with the manufacturer's instructions.

Subsection 1003.3.5 is hereby deleted in its entirety.

Section 1003.4. Add the following text after subsection 1003.4.

Interceptors.

A. In a structure where a public sanitary sewer is available, the waste pipe from oil and sand interceptors shall discharge, if installed, into the public sanitary sewer, or any more restrictive manner as otherwise mandated by an applicable administrative authority.

B. New construction.

1. Any new construction of a structure, where public sanitary sewers are not available, shall have the option to either:

(i) Construct the structures without any floor drains; structures without floor drains must operate to minimize waste and prevent wastewater from leaving the shop area and discharging to the environment; or

(ii) If drains are included, ensure that each drain shall flow into an approved sand interceptor which shall drain into a 1,000 gallon or larger approved holding tank.

2. An oil and water separator is not required when the waste discharges into a holding tank.

C. Existing structures.

1. In areas where public sanitary sewers are not available, existing structures that are being renovated or enlarged shall either:

(i) Permanently plug all existing floor drains; structures which plug their floor drains must notify the Maryland Department of Environment, Ground Water Permits Program, prior to drain closure, and must operate to minimize waste and prevent wastewater from leaving the shop area and discharging to the environment, or

(ii) retrofit all existing floor drains so as to allow them to flow into an approved sand interceptor which shall drain into a 1,000 gallon or larger approved holding tank which is equipped with a high level alarm.

2. An oil and water separator is not required when the waste discharges into a holding tank.

D. If an underground tank is installed, it shall be corrosion protected and designed according to COMAR 26.10.03.

E. Any new construction of a structure or renovation of an existing structure which discharges liquid wastes as described in Section 1003 of International Plumbing Code or which discharges other industrial waste waters shall have the option of discharging into an on-site

subsurface disposal system, providing the facility's owner/operator applies for and obtains from the Maryland Department of Environment a water discharge permit issued pursuant to the provisions and conditions of COMAR 26.08.01–26.08.04.

Where approved and approved point of discharge.

A. Sand and oil interceptors shall be provided wherever floors, pits, or surface areas subject to the accumulation of grease or oil from service or repair operations are drained or washed into a drainage system. Such locations include, but are not limited to: car or truck washing facilities, engine cleaning facilities, and similar operations. Drainage from such locations shall be connected to the sanitary sewer.

B. Drains shall not be required in service or repair garages employing dry absorbent cleaning methods; however, if any drains are located in such areas, they shall discharge to the sanitary sewer through sand and oil interceptors.

C. Drains shall not be required in parking or service garages unless the garage or portions thereof is equipped with provisions for either washing vehicles or rinsing the floor. Where such cleaning facilities are provided the area subject to waste drainage shall be provided with a system of one or more floor drains, complete with sand and oil interceptors, and the drainage from the oil interceptor shall be connected to the sanitary sewer. Any storm water shall be drained separately and directly to the storm sewer.

D. The waste oil tank used with the oil interceptor shall not be used to store or contain any other waste oil or hazardous fluid. Crankcase oil cannot be dumped into or stored in this waste oil tank.

Subsection 1003.4.2.1 is hereby amended to add the following text.

A. Oil separators shall have a 3" minimum discharge line and a 2" minimum vent to atmosphere. The discharge line shall have a full-size cleanout extended to grade.

B. The oil draw-off or overflow from oil separators shall be connected to an approved waste oil tank meeting the environmental requirements of the administrative authority. The waste oil from the separator shall flow by gravity or may be pumped to a higher elevation by an automatic pump. Pumps shall be adequately sized, explosion-proof and accessible. Waste oil tanks shall have a 2" minimum pump out connection and a 1-1/2" minimum vent to atmosphere and shall be equipped with a high level alarm.

C. Where oil separators are subject to backflow from a sewer or other point of disposal, their discharge line shall include a backwater valve installed in accordance with the requirements of Section 715.

D. Oil interceptors, waste oil tanks, oil pump out connections, backwater valves, and atmospheric vent piping shall be permanently identified by suitable labels or markings.

E. Combination oil and sand interceptor may be installed if approved by the administrative authority.

Subsection 1003.5 is hereby amended to add the following text:

A. A sand interceptor shall be provided upstream from each oil interceptor, except when combination oil and sand interceptor is used.

B. When the discharge of a drain may contain solids or semi-solids that would either be harmful to the drainage system or tend to obstruct the system, the drain shall discharge through a sand interceptor.

C. Sand interceptors shall be constructed of concrete, brick, fabricated coated steel, or other watertight material and shall be internally baffled to provide an inlet section for the accumulation of sediment and a separate outlet section.

D. The outlet pipe of the sand interceptor shall be the same size as the drain served (or inlet pipe to the oil separator). The internal baffle in the interceptor shall have two tip skimming openings, each the same size as the outlet pipe and at the same invert elevation as the outlet opening. The openings in the baffle shall be offset to prevent straight-line flow through the interceptor from any of its inlets to its outlet.

E. The inlet to the interceptor shall be at the same elevation as or higher than the outlet. The bottom of the inlet section shall be at least 24 inches below the invert of the outlet pipe.

F. The bottom of the inlet section shall be at least 2 feet wide and 2 feet long for flow rates up to 20 gallons per minute. The bottom of the inlet section shall be increased by 1 square foot for each 5 gpm of flow or fraction thereof over 20 gpm. The area of the bottom of the outlet section shall be not less than 50" of the area of the bottom of the inlet section.

G. The outlet section shall be covered by a solid removable cover. The inlet section shall be covered by an open grating suitable for the traffic in the area in which it is located. Covers shall be set flush with the finished floor.

Subsection 1003.9 is hereby amended to add the following text:

Vapor venting:

The atmospheric vents from oil separators and their waste oil tanks shall be separate from other plumbing system vents and shall be extended to an approved location at least 12 feet above grade or the surrounding area.

Section 1201 is hereby deleted in its entirety.

New *Section 1201* is hereby added to read as follows:

Section 1201. Installation of gas appliances and gas piping. All installations of gas appliances and gas piping shall conform to requirements contained in the International Fuel Gas Code, ~~2003~~ 2009, which is incorporated by reference. For installation of elevated 2 psig gas pressure use guidelines for copper tubing natural gas systems manual, incorporated by reference.

Appendix C is hereby adopted, with the following amendments:

Subsection C101.3 is hereby deleted in its entirety.

Subsection C103 is hereby deleted in its entirety.

Chapter 1 of the ~~2003~~ 2009 International Fuel Gas Code is hereby deleted in its entirety.

The following incorporation by reference is hereby added:

COMAR 26.04.02 Sewage Disposal and Certain Water Systems for Homes and Other Establishments in the Counties of Maryland Where Public Sewage System Is Not Available.

COMAR 26.04.03 Water Supply and Sewage Systems in the Subdivisions of Land in Maryland.

The following requirements for show rooms, offices, shops and trucks is hereby added:

Subsection 1-14-1(f). Licensing of plumbers. Every person who holds himself or herself out to the public as a master plumber by advertising, telephone directory listing, business card, stationary, or any exhibit, shall display in a conspicuous place at his or her principal place of business and on all vehicles used for plumbing work by him or her or under his or her direction and control:

- 1) The name or names of each registered master plumber;
- 2) The words "registered plumber" or "registered plumbers;"
- 3) The Maryland State Certificate Number or Numbers; and
- 4) The Frederick County Certificate Number.

(1959 Code, § 42-1) (Ord. 85-35-367, 9-3-1985; Ord. 86-29-406, 5-27-1986; Ord. 88-30-507, 6-21-1988; Ord. 91-30-030, 11-12-1991; Ord. 94-20-115, 10-18-1994; Ord. 99-11-238, 7-29-1999; Ord. 02-08-304, 4-4-2002; Ord. 05-33-394, 11-29-2005; Ord. 08-16-492, 6-17-2008)

§ 1-14-58. WELL SYSTEM INSTALLATION; SADDLE VALVES.

(A) Anything to the contrary notwithstanding in the state plumbing regulations, a minimum diameter of a 1-inch pipe shall be used for connections from submersible pumps to a storage tank as part of a well system installation.

(B) The use of saddle valves may be allowed on humidifiers and ice-makers if the appliance manufacturer recommends the use of saddle valves.

(1959 Code, § 42-20.1)

§ 1-14-59. CONDEMNED EQUIPMENT.

The Plumbing Inspector shall condemn any used plumbing material or equipment which is so worn, damaged, defective or constructed as to constitute a sanitary or safety hazard and such condemned material or equipment shall not be reused for plumbing purposes. Where in the opinion of the Plumbing Inspector condemned material or equipment should be destroyed to prevent its reuse, he may order such destruction.

(1959 Code, § 42-22)

§ 1-14-60. ARTICLE DECLARED ADDITIONAL.

The provisions of this article are supplemental to all other laws relating to plumbing.

(1959 Code, § 42-23)

§ 1-14-61. PENALTIES.

Any person, whether individually or as a member or employee of a partnership, an officer, agent or employee of a corporation, who directs or knowingly permits any violation of any of the provisions of the sections of the Plumbing Code, or any rule or regulation duly promulgated there under or who aids or assists therein, either on his own behalf or in the interests of his employer or principal shall, upon conviction thereof by a court of competent jurisdiction, be guilty of a misdemeanor punishable by a fine of not more than \$100 or by imprisonment for not more than 30 days, or both, for each separate violation. Every day such violation exists shall constitute a separate offense and be punishable as such.

(1959 Code, § 42-21)

§ 1-14-62. CIVIL PLUMBING INFRACTIONS.

(A) Pursuant to Chapter 634 of the Laws of Maryland 1984, being § 2-2-29 of the Frederick County Code, any violation of any of the provisions of this entire chapter, which is Chapter 1-14 entitled "Plumbing," is a civil infraction and shall be called a civil plumbing infraction. If, after investigation, a civil plumbing infraction is believed to exist, the Frederick County ~~Director of Permits and Inspections~~ ADMINISTRATIVE AUTHORITY or his authorized agent shall deliver a citation or warning to the building owner and others responsible for the infraction. If the ~~Director~~ ADMINISTRATIVE AUTHORITY or his authorized agent is unable to locate the owner personally, the ~~Director~~ ADMINISTRATIVE AUTHORITY or his authorized agent may post the citation or warning in a conspicuous place on the property of the

owner and mail a copy of same to the person, which shall be sufficient for delivery under this section.

(B) The citation or warning, as provided for in this section, shall be in writing and shall contain the following:

- (1) The name and address of the person charged or warned;
- (2) The nature of the violation;
- (3) The location of the violation;
- (4) The date(s) of the violation;
- (5) The amount or potential amount of the fine assessed;
- (6) The manner, location and time in which the fine may be paid, or violation corrected, if applicable;
- (7) The person's right to stand trial for the violation if applicable;
- (8) A certification by the ~~Director~~ ADMINISTRATIVE AUTHORITY or his authorized agent attesting to the truth of the matters set forth.

(C) Whenever an alleged or possible civil plumbing infraction comes to the attention of the ~~Director of Permits and Inspections~~ ADMINISTRATIVE AUTHORITY, the following procedures shall apply:

(1) The ~~Director of Permits and Inspections~~ ADMINISTRATIVE AUTHORITY will investigate whether an infraction has occurred;

(2) If the ~~Director~~ ADMINISTRATIVE AUTHORITY finds that an infraction has occurred, he will issue a warning to the person(s) responsible in the form and manner as outlined in this section, with reasonable time stated to abate or to prevent future infractions;

(3) If the infraction continues or is allowed to occur after the reasonable time stated, the ~~Director~~ ADMINISTRATIVE AUTHORITY will issue a citation to the person(s) responsible in the form and manner as outlined in this section. Notwithstanding the provision of step (2) above, the Director may issue a citation at step (2) without the prior issuance of a warning.

(D) A fine of \$200 is hereby imposed upon any person responsible for a civil plumbing infraction for each violation. Each day such violation is permitted to exist shall be considered a separate infraction. All fines shall be payable to the Treasurer of Frederick County, Maryland, in the office of the Department of Permits and Inspections.

(E) A person who receives a citation may elect to stand trial for the offense by filing with the ~~Director of Permits and Inspections~~ ADMINISTRATIVE AUTHORITY a notice of intention to stand trial. The notice shall be given at least 10 days before the date of payment of the fines as set forth in the citation. Upon receipt of the notice of intention to stand trial, the Director shall forward to the District Court of Frederick County, Maryland, a copy of the citation and the notice of intention to stand trial. Upon receipt of the citation, the District Court shall schedule the case for trial and notify the defendant of the trial date. All fines, penalties, or forfeitures collected by the District Court for any civil plumbing infractions shall be remitted to the Treasurer of Frederick County, Maryland.

(F) If a person who receives a citation for an infraction fails to pay the fine by the date of payment set forth on the citation and fails to file a notice of intention to stand trial, a formal notice of the infraction shall be sent to the person's last known address. If the citation is not satisfied within 15 days from the date of the notice, the person shall be liable for a fine of \$400 for each infraction. If after 35 days the citation is not satisfied, the ~~Director~~ ADMINISTRATIVE AUTHORITY may request adjudication of the case through the district court by the filing of civil judgement procedures.

(G) Adjudication of an infraction under this subsection is not a criminal conviction, nor does it impose any civil disabilities ordinarily imposed by a criminal conviction.

(H) In a proceeding before the district court, the violation shall be prosecuted in the same manner and to the same extent as set forth for municipal infractions in Md. Code, Art. 23A, § 3(B)(8) through (15). However, the County Attorney is hereby authorized to prosecute all civil plumbing infractions under this section.

(I) If a person is found by the district court to have committed a civil plumbing infraction, that person shall be liable for the costs of the proceedings in the district court.

(J) Depending on the circumstances of each case and after consultation with the County Attorney, the ~~Director~~ ADMINISTRATIVE AUTHORITY has the discretionary authority to reduce or suspend all or a portion of the fine payable through the Permits and Inspections Office.

(K) Nothing contained in this section shall prohibit or prevent the ~~Director of Permits and Inspections~~ ADMINISTRATIVE AUTHORITY, or anyone else, from seeking other legal remedies, such as injunctions or criminal prosecution.

(L) Provisions of this section are in addition to, not in lieu of, those penalties specified in other sections of this chapter, specifically § 1-14-61.

(M) The fines specified in this section can be modified at any time by resolution of the Board of County Commissioners of Frederick County, after a duly advertised public hearing.

(Ord. 99-11-238, 7-29-1999)

§§ 1-14-63 – 1-14-75. RESERVED.

DIVISION 2. INSPECTIONS

§ 1-14-76. REQUIRED.

All work done under the Plumbing Code shall be subject to inspection and approval by the Plumbing Inspector. The responsibility for requesting an inspection shall rest entirely with the person performing the work. No work shall be covered or concealed until it has been properly inspected. Improper workmanship shall be remedied and unsatisfactory materials shall be replaced as ordered by the Inspector and after such corrections it shall be reinspected.

(1959 Code, § 42-17)

§ 1-14-77. FIRST INSPECTION.

All soil lines, drains, vents and water lines inside of buildings shall be inspected after they are roughed in and before they are covered. All outside sewer facilities shall be inspected after installation and before covering. Any pump connected with a well or water line to a facility shall be inspected before being covered.

(1959 Code, § 42-18)

§ 1-14-78. FINAL INSPECTION.

All work shall be given an inspection and receive final approval after all plumbing fixtures and appliances connected with the water or sewer systems are set, sewers and wells are covered.

(1959 Code, § 42-19) (Ord. 94-20-115, 10-18-1994)

§ 1-14-79. ADDITIONAL INSPECTIONS.

In addition to the other required inspections, the Plumbing Inspector may make such other inspections as he deems necessary.

(1959 Code, § 42-20)

§§ 1-14-80 – 1-14-89. RESERVED.

[\[Click here to view FIGURE 1003.2.2\]](#)